

PHOTOGRAPHIC EVALUATION REPORT

(Tracker Camera)

Copy No. 3

Mission No. G 3069 Evaluation Date 6 April 1962 PER No. FE 12-62
 Camera No. No Info Exposure Interval No Info Scan Time No Info
 Filter No Info Mission Duration 8 hrs 45 mins Total Footage No Info

1. Film metering	0.4" - 0.5"; average 0.4"
2. Format alignment	Good throughout
3. Clock operation	Operational throughout
4. Data chamber (image quality)	Heavy density throughout; readable 20% of mission
5. Banding	Slight throughout
6. Apparent fog	None
7. Abrasions and scratches	Minor scratches scattered throughout format
8. Tearing (film)	None
9. Density	Heavy
10. Contrast	Low
11. Apparent resolution	Fair
12. Apparent granularity	Medium
13. Flare and light streaks	Flares on frames 137-145, 222-227
14. Level bubble operation	----
15. Suitability for PI (film quality)	20 percent fair, 80 percent poor due to cloud coverage

Remarks:

1. Overlap 55 percent.
2. Pressure streaks, leading and trailing edges, continuous throughout.
3. Water spots, leading edge, scattered throughout.
4. Negative density streak along trailing edge format beginning of mission.
5. Image obstruction, lower right portion format, visible on right turns.
6. Scum scattered on frames 1-279.
7. Emulsion lifted on frame 177.
8. Last frame 353.

SPECIAL HANDLING

SECRET

TERMS USED IN REPORT

There are numerous equally useable terms used to express the quality of film. It is therefore advisable to identify the more important terms as used in this report.

Perhaps the single most important evaluation factor in determining PI suitability is apparent resolution, which in this report is classed as excellent, good, fair, poor and very poor.

Excellent would be a film in which fine detail, such as trails, small buildings, etc. show sharp edges and corners. Contrast is good throughout. Good would be a film in which fine detail is identifiable but not sharp. Fair would be a film in which fine detail would be indefinite, while medium detail, such as roads, dwellings, etc. can be easily identified but are not necessarily sharp. Poor would be a film in which medium detail is difficult to define but can be defined in all cases, and large detail, such as through highways, large buildings, structures, etc. can be easily identified. Very poor is a film in which detail is such that the identification of culture would be inaccurate and incomplete.

Contrast shall be recorded as high, medium and low.

High contrast records only high lights and shadows with little or no intermediate gradation. Medium contrast is represented by a full range of densities (high lights, half tones and shadows). Low contrast shows very little difference in densities.

Density shall be recorded as heavy, medium and thin.

SPB#5a

SECRET

PHOTOGRAPHIC EVALUATION REPORT

(Tracker Camera)

Copy No. 8

Mission No. G 3072 Evaluation Date 5 April 1962 PER No. FE 11-62
 Camera No. No Info Exposure Interval 32 sec Scan Time No Info
 Filter No Info Mission Duration 8 hrs 50 mins Total Footage No Info

1. Film metering	0.4" throughout
2. Format alignment	Good throughout
3. Clock operation	Operational throughout
4. Data chamber (image quality)	Fogged, barely readable throughout
5. Banding	Slight throughout
6. Apparent fog	Frame 199
7. Abrasions and scratches	None
8. Tearing (film)	None
9. Density	Heavy
10. Contrast	Low due to clouds and haze
11. Apparent resolution	Fair
12. Apparent granularity	Medium
13. Flare and light streaks	Flare on frames 320-330
14. Level bubble operation	----
15. Suitability for PI (film quality)	Poor due to clouds and haze

Remarks:

1. Approximately 50 percent cloud coverage.
2. Overlap 60-65 percent.
3. Pressure marks, leading and trailing edges, continuous throughout.
4. Scum scattered throughout on base side; example frame 209.
5. Emulsion lifted on frames 120, 193, 194, 220, 309, 314 and 321.
6. Last frame 330.

SPECIAL HANDLING

SECRET

TERMS USED IN REPORT

There are numerous equally useable terms used to express the quality of film. It is therefore advisable to identify the more important terms as used in this report.

Perhaps the single most important evaluation factor in determining PI suitability is apparent resolution, which in this report is classed as excellent, good, fair, poor and very poor.

Excellent would be a film in which fine detail, such as trails, small buildings, etc. show sharp edges and corners. Contrast is good throughout. Good would be a film in which fine detail is identifiable but not sharp. Fair would be a film in which fine detail would be indefinite, while medium detail, such as roads, dwellings, etc. can be easily identified but are not necessarily sharp. Poor would be a film in which medium detail is difficult to define but can be defined in all cases, and large detail, such as through highways, large buildings, structures, etc. can be easily identified. Very poor is a film in which detail is such that the identification of culture would be inaccurate and incomplete.

Contrast shall be recorded as high, medium and low.

High contrast records only high lights and shadows with little or no intermediate gradation. Medium contrast is represented by a full range of densities (high lights, half tones and shadows). Low contrast shows very little difference in densities.

Density shall be recorded as heavy, medium and thin.

SPB#5a

SECRET

file MSN 3069

Approved For Release 2002/06/14 : CIA-RDP69B00404R000300030003-7

TRANSMITTAL MANIFEST

Nº 221090

TO

Chief, DPD

FROM

Chief of Base, [REDACTED]

25X1A

ITEM NO.	DESCRIPTION	USE
1.	Photo Evaluation Reports Missions G 3069 and G 3072 (Ref [REDACTED])	ATTN: [REDACTED] <i>RF</i> <i>me</i> <i>7/15</i>
2.	[REDACTED] - It seems to me the quality of these 2 trackers indicates poor field work - can we take whatever steps necessary to insure a better product? [REDACTED] please let me know -	
3.	Have approved purchase of "Bar-ray" cooler unit for processor with [REDACTED]. Their tracker is processed with high temperatures, since they had no cooling unit. I also approved TDY visit of PVE & Hycor people to [REDACTED] to look in on general problems but SPB did not see justification. (This was on 20 April - trip to be made on 1 May) Don't know end decision [REDACTED]	

DATE

SI

19 APR 1962
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